

RNAP	T7		T3		SP6	
Enzyme type	WT	M	WT	M	WT	M
Termination Efficiency	.62	.03	.48	.03	.86	.10
Lane	1	2	3	4	5	6



Figure 1. Modified phage RNAPs fail to terminate at the PTH signal.

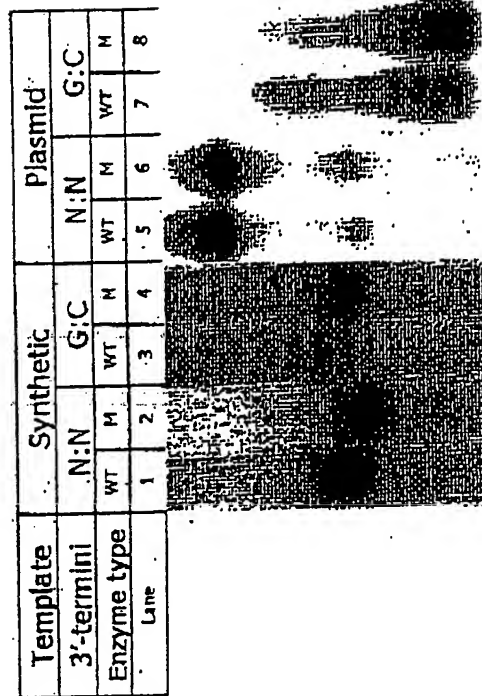


Figure 2. Modified T7 RNAP allows increased production of transcripts on templates with G:C-rich ends.

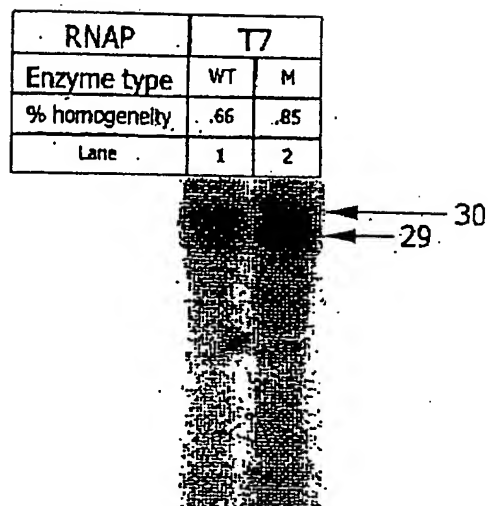


Figure 3. RNAs produced by modified T7 RNAP have more homogeneous 3'- ends.



**Figure 4. Use of modified T7 RNAP results in decreased synthesis of aberrant products on templates with protruding 3'-ends.**